

CLAIMS

1. A fuel cartridge for a fuel cell comprising a first chamber for retaining first liquid fuel, a second chamber for retaining second liquid fuel, a partition wall for partitioning said first chamber and said second chamber, and a mounting section to be fixed to a fuel cell body,

wherein said second chamber is provided with a fuel outlet port through which said second liquid fuel passes to said fuel cell body.

2. The fuel cartridge for the fuel cell according to claim 1, wherein said fuel outlet port is further arranged in said first chamber.

3. The fuel cartridge for the fuel cell according to claim 2, wherein said second chamber further comprises a fuel inlet port to which said first liquid fuel, which passes through said fuel outlet port arranged in said first chamber, is introduced.

4. The fuel cartridge for the fuel cell according to any one of claims 1 to 3, wherein said second chamber is a fuel mixing tank for mixing said first liquid fuel and said second liquid fuel.

5. The fuel cartridge for the fuel cell according to any one of claims 1 to 4, wherein said first liquid fuel and said second liquid fuel are different in color.

6. The fuel cartridge for the fuel cell according to any one of claims 1 to 5, further comprising a first container having said first chamber and a second container having said second chamber and constructed so as to be removably mounted to said first container.

7. The fuel cartridge for the fuel cell according to claim 6, further comprising a fitting section at which said first container and said second

container are fitted to each other.

8. The fuel cartridge for the fuel cell according to any one of claims 1 to 7, further comprising a cover member for covering said fuel outlet port, wherein said cover member is formed into a removable sheet.

9. The fuel cartridge for the fuel cell according to any one of claims 1 to 7, further comprising a cover member for covering said fuel outlet port, wherein said cover member is an elastic member with a self-sealing characteristic.

10. The fuel cartridge for the fuel cell according to any one of claims 1 to 9, wherein a detection window for detecting the liquid surface of said first liquid fuel or a liquid surface of said second liquid fuel from the outside is arranged in said first chamber or in said second chamber.

11. The fuel cartridge for the fuel cell according to claim 10, wherein said detection window is constructed to allow light coming from said fuel cell body to pass through said detection window.

12. The fuel cartridge for the fuel cell according to any one of claims 1 to 9, wherein a liquid surface indication member for indicating the level of a liquid surface of said first liquid fuel or the level of a liquid surface of said second liquid fuel is arranged in said first chamber or in said second chamber.

13. The fuel cartridge for the fuel cell according to claim 12, wherein said liquid surface indication member comprises a float that floats on said first liquid fuel or on said second liquid fuel.

14. A fuel cell comprising a fuel cell body having a fuel pole and the fuel cartridge for the fuel cell according to any one of claims 1 to 13 which contains liquid fuel to be supplied to said fuel pole.

15. The fuel cell according to claim 14, wherein a liquid mixing tank for mixing said first liquid fuel and said second liquid fuel is arranged in said fuel cell body.

16. The fuel cell according to claim 14 or 15, wherein a measurement section for measuring the level of a liquid surface of said first liquid fuel or the level of a liquid surface of said second liquid fuel is arranged in said fuel cell body.